

WHAT IS CLAIMED IS:

1. A process for preparing a liquid concentrate for use in the manufacture of plastic parts comprising:

(a) preparing one or more liquid intermediates, wherein the liquid intermediates comprise a liquid vehicle and at least one additive;

(b) standardizing the liquid intermediates;

(c) transferring the standardized liquid intermediates to a remote location; and

(d) dispensing the liquid intermediates to produce a liquid concentrate, wherein the quantity of each liquid intermediate dispensed is controlled according to a predetermined formula for the liquid concentrate.

2. The process according to claim 1, wherein the quantity of each liquid intermediate dispensed is controlled by a computer that contains the predetermined formula.

3. The process according to claim 2, wherein the formula is gravimetric.

4. The process according to claim 3, wherein the gravimetric formula is inputted into the computer locally.

5. The process according to claim 3, wherein the gravimetric formula is inputted into the computer remotely.

6. The process according to claim 1, wherein the additive is selected from the group consisting of a colorant, an optical brightener, a laser marking additive, an anti-settling agent, a blowing agent, a release agent, a light stabilizer, and mixtures thereof.

7. The process according to claim 2, wherein the dispensing of the liquid intermediates in step (d) is controlled by a computer.

8. The process according to claim 7, wherein at least one of the liquid intermediates is agitated after step (c) and before step (d).

9. The process according to claim 8, wherein the liquid intermediate is agitated by recirculating the intermediate.

10. The process according to claim 9, wherein the recirculation of the liquid intermediate is computer controlled.

11. The process according to claim 7, wherein the liquid intermediates are dispensed in order of heaviest intermediate on a weight basis to smallest intermediate on a weight basis.

12. The process according to claim 7, wherein the formula is prepared prior to step (d) based on additive requirements received from the user of the liquid concentrate.

13. A process for preparing a liquid concentrate for use in the manufacture of plastic parts comprising:

(a) providing one or more liquid intermediates, wherein the liquid intermediates comprise a liquid vehicle and at least one additive, wherein the liquid intermediates are standardized, and wherein the liquid intermediates have been prepared remotely; and

(b) dispensing the liquid intermediates to produce a liquid concentrate, wherein the quantity of each liquid intermediate dispensed is controlled according to a predetermined formula for the liquid concentrate.

14. The process according to claim 13, wherein the quantity of each liquid intermediate is controlled by a computer that contains the predetermined formula.

15. The process according to claim 14, wherein the formula is gravimetric.

16. The process according to claim 15, wherein the gravimetric formula is inputted into the computer locally.

17. The process according to claim 15, wherein the gravimetric formula is inputted into the computer remotely.

18. The process according to claim 1, wherein the additive is selected from the group consisting of a colorant, an optical brightener, a laser-marking additive, an anti-settling agent, a blowing agent, a release agent, a light stabilizer, and mixtures thereof.

19. The process according to claim 13, wherein the dispensing of the liquid intermediates in step (b) is controlled by a computer.

20. A dispensing system to prepare a liquid concentrate for use in the manufacture
5 of plastic parts comprising:

(a) a plurality of containers each containing a standardized liquid intermediate prepared at a location remote from the dispensing system; and

10 (b) a dispensing machine for dispensing a plurality of liquid intermediates to produce a liquid concentrate, wherein the quantity of each liquid intermediate dispensed is controlled according to a predetermined gravimetric formula for the liquid concentrate,
wherein the quantity of each liquid intermediate is controlled by a computer that contains the predetermined gravimetric formula, and wherein the dispensing of the liquid intermediates is
15 controlled by the computer.